

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: Cool conditions throughout the State with a few warm, dry days. Temperatures were colder than normal at almost all stations. Precipitation occurred throughout the State but in the normal range for the time of year. Low temperatures ranged from 10 degrees in Christmas Valley to 38 degrees in Crescent City. High temperatures ranged from 51 degrees in Lakeview to 71 degrees in Portland. Forty-one out of forty-three stations reported measurable precipitation. The Lakeview station reported the most with 1.18 inches, followed by the Grants Pass station with 1.06 inches.

Field Crops: Most western counties reported little preparatory field work and planting due to cold, wet weather. The end of the week provided a small window with warmer weather. Signs of rust were reported in Sherman and Marion county wheat. Grass fields were being sprayed in Yamhill County. In Lane County, row crop ground preparation and other activities were in full swing with planting expected to start in a couple of weeks.

Vegetables: It was another cool, wet week for vegetable growers. Operations were behind schedule for planting their crops.

Fruits and Nuts: Fruit trees were in various stages of bloom throughout the State. Wine grapes in Douglas County were at the woolly bud stage. The lower Hood River Valley reported the following crop development: d'Anjou pear were at full bloom (WSU stage 7); Red Delicious apples at tight cluster to first pink (WSU stages 4&5); Bing cherry between first bloom and full bloom (WSU stages 7&8); Pinot noir grape at Eichhorn-Lorenz stage 3. Cherry bloom in Wasco County looked good.

Nurseries and Greenhouses: Greenhouses were busy getting out vegetable and decorative starts to customers. Nurseries continued to bring out spring plants, bare root trees, and shrubs.

Livestock, Range and Pasture: While range and pastures will benefit from this seasons moisture, the lack of warmth in most areas has slowed growth. Once warm weather arrives, pastures will start to take off. Livestock were being moved to spring pastures despite the wet conditions. Animals were doing well, and their calves, lambs, and kids were looking good.

Soil Moisture - Week Ending 04/24/11

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	0	62	38
Subsoil	0	1	59	40

Crop Progress - Week Ending 04/24/11

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley planted	70	58	84	79
Barley emerged	51	48	64	56
Spring wheat planted	74	45	92	84
Spring wheat emerged	26	20	64	51
Days suitable for fieldwork	4.2	2.8	4.6	5.3

Crop Condition - Week Ending 04/24/11

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	0	1	19	67	13
Range and pasture	2	9	31	53	5

CLACKAMAS: Several much needed warm dry days came this week. Tillage and planting were possible by mid-week. Most crops were still behind in heat accumulation. Most operators were far behind an ideal spring planting schedule.

CLATSOP: Wet most days with only a couple days without rain.

COOS/CURRY: A little less rain last week and slightly warmer temperatures had contributed to good growing conditions for pasture grasses. Low temperatures were about 3 degrees below the 5-year average in Bandon (Coos Co.) and slightly above the 5-year average in Brookings (southern Curry). High temperatures through the week were about 1 to 3 degrees below the 5-year average in both southern Curry, and Coos. Heaviest precipitation was early and late in the week for both counties, with relatively nice mid-week. Producers started to move more cattle onto the bottoms. Water level remains up in the Coquille bottom, and even hillside pastures remain relatively wet. There were 3 suitable for field work during the period, with a few venturing out to make (wrapped) haylage Friday and Saturday. Bandon (Coos & Northern Curry): Low temperature for the period was 34.44 degrees, 2.92 degrees below the 5-year average. High temperature for the period was 60.97 degrees, 1.1 degrees below the 5-year average. Precipitation for the period was 0.14 inches, which is 0.67 inches below the 5-year average for the week. Weather year 2011 (began 10/1/2010) precipitation stands at 48.21 inches, 1.9 inches below the 5-year average. Average precipitation through the month of April is 52.85 inches. Brookings (southern Curry): Low temperature for the period was 39.99 degrees, 0.23 degrees above the 5-year average. High temperature for the period was 60.9 degrees, 3.05 degrees below the 5-year average. Precipitation for the period was 0.46 inches, compared to a 5-year average of 1.0 inches. Weather year 2011 (began 10/1/2010) precipitation stands at 80.33 inches, 7.32 inches above the 5-year average. Historical average precipitation through April is 64.54 inches.

DOUGLAS: Another cool, wet week with only one day suitable for spraying. The ground was still too wet to cultivate or plant. Morning frost continued on days with clear skies. The frost did not appear to have caused any major crop loss. There were isolated cases of tree fruit damage to early blooming apricot and plum crops. Pear trees were currently in full bloom and apple trees were just a few days away from full bloom. Cherry and peach orchards were past peak bloom and appeared to have escaped any freeze damage. Pollination weather had been cool and damp so fruit set may not be optimum. Wine grape vineyards were at wooly bud stage and will be vulnerable to any additional freezing weather in the coming week.

JACKSON: Field crop planting was far behind schedule due to the very wet spring. If it does not get dryer soon, some may not get planting done. Fall plantings looked good, but could use some warm weather. Grass pastures and hay fields were benefiting from the wet weather. Apples and pears were still in bloom stage, but some had petals fall. Several nights this week required frost protection, with one night quite cold. Greenhouses were getting out spring plant starts, both vegetable and decorative plants. Nurseries were still getting out spring plants, bare root trees, and shrubs. All livestock were looking good, and most were now being moved to valley pastures even though grass was slow getting started. Good crop of calves, lambs, and kids were in the

pastures. Snow fell in the mountains and on some foothills. With all the rain, and snow in the high levels, irrigation should be good this year. Both farmers and ranchers were trying to get into normal spring work, but the weather had been a real disappointment.

JOSEPHINE: Overnight temperatures were in the 28 degrees to 45 degrees range. Daytime temperatures were in the 45 degrees to 60 degrees range. There were light to gusty winds off and on through the week. Received a total of 1 inch of rain for the week. Plowing was difficult in most areas. Madrone, manzanita, Ceanothus were all in heavy bloom. Farmers were not planting warm weather crops yet, ground too wet and/or too cold. Nurseries appeared to be doing good business. Animals had many babies this year. Wild turkeys were roaming again.

LANE: It was a week of early morning frosts, but most temperatures were still in the acceptable levels. Minor damage to peach, cherry, Asian pears were expected. Apples were showing pink bloom. Blueberries were about 1 1/2 weeks before bloom. Better weather conditions for this last week had allowed for most producers to catch up on their fertilizer and herbicide applications. Row crop ground preparation activities were in full swing with planting expected to start in a couple of weeks. Crops were about 1 1/2 weeks slower than normal.

LINN/BENTON/LINCOLN: Farmers in the Valley had been busy with spring fertilizing and spraying. Some had been able to get out and start planting more of the spring wheat crops. The weather had kept the ground wet in lower locations and made it difficult to do any work. Fruit trees were showing good blooms.

MARION: Producers got a small window of opportunity late in the week to apply spray and fertilizer. There were signs of rust evident in some fields. Lower areas planted to spring wheat were hard hit by the steady rain from March and early April and may need replanting. Producers were receiving planting schedules for row crops this week. Signs of tillage were evident as producers prepared ground for spring planted crops. Dry weather pattern with mean temperatures in the upper 40's and a high temperature of 69 degrees were observed. However, cool overnight temperatures persisted with below freezing temperatures observed on Monday and Friday.

WASHINGTON: Producers were able to get into fields and start planting spring grain. Weed spraying and spot spraying were being done in grass seed fields. Spraying filberts for blight. Freezing temperatures were holding back planting. Greenhouse and nursery needed to get starts to customers. Cattle were on rotational pastures and calves were doing well. High temperatures were at 67.5 degrees, and low temperatures were at 28.9 degrees. Received small sized hail and 0.5 inches rainfall.

YAMHILL: Had some typical spring weather with down pours and spotty hail. Dry enough to get in the fields and get some planting done. Some vegetable planting were done. Cherry trees were blooming last week. Fields were being disked up and hazelnut farmers continued to do foliar spraying. Sprays for Eastern Filbert Blight were being applied this week as the weather dried out. Grass fields were being sprayed also. Apple scab and mildew sprays were being applied as well.

Eastern Oregon

GRANT: Spring wheat was being planted with the dry weather being seen. Cows and calves were being worked and turned out into spring pastures. Cold temperatures were still affecting the growth of the grass on ranges and pastures. In addition, fields were too wet so field work was way behind.

HARNEY: Cool, damp conditions were experienced once again throughout the week.

HOOD RIVER: Variable conditions prevailed through the week. Minimum temperatures dipped into critical ranges for developing fruit flower buds on April 20, 22, and 23 with widespread frost protection. At week's end, crop development in the lower Hood River Valley was as follows: d'Anjou pear were at full bloom (WSU stage 7); Red Delicious apples at tight cluster to first pink (WSU stages 4&5); Bing cherry between first bloom and full bloom (WSU stages 7&8); Pinot noir grape at Eichhorn-Lorenz stage 3.

KLAMATH: More wet weather during the week. The cool, wet spring had been delaying the growth of grass, but had been helping replenish the soil moisture profile, which will aid rapid growth once the sun appears. The basin had snow on the ground at least once during the week. Some planting continued. Growth of perennial crops was slow due to the cool weather.

MALHEUR: Low temperatures were still running well below normal. High temperatures ranged from 52 degrees to 60 degrees with frost most nights. Very few isolated showers. Spring grain and sugar beet planting continued. All rivers and laterals were running full.

SHERMAN: Discovering lots of vole damage in wheat crops, heavier in no-till areas but all over. Some fields maybe as much as 5 percent plant loss. Seems like the rust was just starting to flair in fields. More field walking today. Certain varieties were more susceptible than others.

WASCO: Cooler windy weather prevailed most of last week and then some sunshine at the end of the week. Sunny weather last week should have helped with the pollination, but temperatures had remained cool with highs in the mid to upper 50's and wind on some days. Although the weather had been cool, there was little rain so soil moisture levels were near normal for this time of year. Cherry blossoms were looking good around The Dalles ranging from 50 percent to full bloom. Dufur and higher elevation should be blossoming in the coming week. Wheat looks great and would look better with more sunshine. Pastures and range were a little short because of cooler temperatures.

Weather data for selected stations in Oregon, Week ending: April 24, 2011 (as of 11:00 am) ¹

Station	Air temperature ²				Growing degree days ³		Last week precip. ⁴			Season cum. precipitation ⁵			
	Low	High	Avg.	DFN ⁶	Total	DFN ⁶	Total inches	DFN ⁶	Days ⁷	Total inches	DFN ⁶	Pct. normal	Days ⁷
COASTAL AREAS													
Astoria	33	57	45	-4	-	-7	0.33	-0.64	4	72.68	14.93	126	168
Bandon ⁸	34	61	48	-2	3	-11	0.14	-0.74	4	50.01	-2.57	95	157
Crescent City	38	56	49	-2	4	-21	0.56	-0.34	4	57.97	-0.93	98	127
Florence	28	61	45	-5	-	-14	0.51	-0.58	2	69.86	2.62	104	163
North Bend	34	61	47	-4	1	-13	0.17	-0.78	3	43.20	-13.47	76	115
Tillamook	30	61	45	-4	-	-7	0.62	-0.63	4	70.39	-6.25	92	153
WILLAMETTE VALLEY													
Aurora ⁸	32	69	47	-4	3	-18	0.25	-0.34	2	44.55	9.47	127	153
Corvallis	30	67	47	-4	1	-17	0.51	-0.02	3	38.77	1.06	103	154
Detroit Lake ⁸	31	69	45	+0	-	-7	0.38	-0.54	4	88.99	29.87	151	159
Eugene	31	66	47	-5	-	-21	0.21	-0.43	1	34.08	-9.63	78	122
Hillsboro	29	69	46	-5	2	-18	0.15	-0.27	3	34.61	2.01	106	143
McMinnville	30	68	47	-5	3	-18	0.21	-0.29	2	39.23	0.59	102	142
Portland	33	71	48	-4	5	-19	0.30	-0.21	3	41.17	10.55	134	141
Salem	31	69	48	-3	3	-13	0.21	-0.28	2	40.90	6.70	120	137
SW VALLEYS													
Grants Pass	30	66	47	-7	4	-33	1.06	0.71	3	36.37	8.03	128	117
Medford	31	66	49	-3	5	-26	0.86	0.60	4	18.33	2.01	112	93
Roseburg	32	64	49	-4	4	-25	0.39	-0.08	3	31.40	2.41	108	127
NORTH CENTRAL													
Condon	24	58	41	-6	-	-7	0.15	-0.13	2	13.88	3.46	133	104
Echo ⁸	24	66	45	-9	-	-32	0.02	-0.12	2	10.12	3.00	142	97
Heppner	27	63	42	-8	-	-20	-	-0.28	-	12.24	1.99	119	100
Hermiston	25	67	45	-9	-	-32	0.01	-0.13	1	10.40	3.28	146	92
Madras ⁸	19	64	41	-8	-	-21	0.11	-0.03	3	8.71	0.94	112	88
Moro	26	62	41	-7	-	-14	0.03	-0.12	1	12.06	3.20	136	80
Parkdale ⁸	29	64	43	-8	-	-21	0.06	-0.29	2	42.01	13.91	150	137
Pendleton	29	65	44	-8	-	-27	-	-0.21	-	13.18	3.85	141	100
Prairie City ⁸	19	64	41	-8	-	-21	0.11	-0.03	3	8.71	0.94	112	88
The Dalles	31	70	49	+0	4	-11	0.10	-0.04	1	11.64	1.32	113	96
SOUTH CENTRAL													
Agency Lake ⁸	28	52	40	-3	-	-7	0.15	-0.03	3	15.59	2.48	119	88
Bend	20	61	40	-5	-	-10	0.09	-0.05	1	5.80	-3.08	65	44
Burns	18	55	38	-7	-	-7	0.33	0.19	2	11.25	4.29	162	94
Christmas Valley ⁸	10	57	35	-12	-	-14	0.45	0.31	6	8.21	-0.93	90	101
Klamath Falls	20	55	40	-7	-	-14	0.60	0.46	5	9.37	-1.50	86	70
Klamath Falls ⁸	22	55	39	-7	-	-14	0.75	0.61	4	11.68	0.81	107	96
Lakeview	20	51	37	-8	-	-7	1.18	0.90	5	13.71	1.81	115	100
Lorella ⁸	20	54	39	-8	-	-14	0.41	0.27	4	11.73	0.86	108	91
Redmond	15	65	40	-6	-	-11	0.02	-0.11	2	8.32	2.31	138	70
Worden ⁸	21	56	40	-7	-	-14	0.78	0.64	5	11.19	0.32	103	84
NORTHEAST													
Baker City	16	57	36	-11	-	-12	0.06	-0.15	1	8.23	1.70	126	88
Joseph	19	55	35	-8	-	-5	0.23	-0.19	2	10.37	-8.41	55	94
La Grande	27	61	41	-8	-	-14	0.05	-0.28	1	10.15	-2.46	80	95
Union	24	57	39	-8	-	-14	0.32	0.04	3	14.13	5.38	161	112
SOUTHEAST													
Ontario	25	60	44	-9	-	-35	0.01	-0.13	1	8.96	1.49	120	73
Rome	20	56	40	-9	-	-19	1.00	0.84	4	10.31	5.02	195	71

¹ Summary based on NWS data. Copyright 2011: AWIS, Inc. All Rights Reserved.

² Air temperature in degrees Fahrenheit.

³ Growing degree days base-50 degrees Fahrenheit.

⁴ Precipitation (rain or melted snow/ice) in inches.

⁵ Season cumulative precipitation starts September 1, 2010.

⁶ DFN=Departure from normal (using 1961-1990 normal period).

⁷ Precipitation days = Days with precipitation of 0.01 inch or more.

⁸ Agri-Met weather stations.